

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	16	"5886075"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/03 14:24
S2	15	S1 and (extru\$6)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/03 14:25
S3	1	S1 and (extru\$6) and granulat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/03 14:25
S4	1	S1 and (extru\$6) and granulat\$3 and (molten adj state)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/03 14:25
S5	3	"04258638"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/03 14:52
S6	2	"20080203593"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/03 14:59
S7	866	264/5.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/03 15:00

S8	887	264/140.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/03 15:00
S9	8	S7 and S8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/03 15:02
S10	23491	polyvinylacetal (poly \$vinylacetal) (polyvinyl \$acetal) (polyvinyl adj acetal) (poly adj vinyl adj acetal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/03 15:05
S11	0	S9 and S10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/03 15:05
S12	6	S10 and (S7 S8)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/03 15:05
S13	633	S10 near10 (granulate particle atomize powder)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/03 15:08
S14	373	S10 near10 (granulate particle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/03 15:08
S15	2275	(polyvinylacetal (poly \$vinylacetal) (polyvinyl \$acetal) (polyvinyl adj acetal) (poly adj vinyl adj acetal)).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/03 15:09

S16	145	S14 and S15	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/03 15:09
S17	16	S14 and S15 and extru \$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/03 15:10
S18	3	S14 same S15 and extru\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/03 15:18
S19	0	S14 same S15 same extru\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/03 15:18
S20	39284	kuraray	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/03 15:19
S21	95	S20 and S15	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/03 15:19
S22	19	S20 and S15 and extru \$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/03 15:19
S23	28	"4323492"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/03 15:32

S24	2	S23 and S10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/03 15:41
S25	2	S23 and S10 and extru \$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/03 15:41
S26	34	"3472801"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/03 15:42
S27	3	S26 and S10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/03 15:43
S28	9	S10 same (molten adj state) same extru\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/03 15:45
S29	7	"4130539"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/03 15:46
S30	7	"1421140"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/03 15:47
S31	0	"59114368"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/03 15:48

S32	7	"5914368"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/03 15:48
S33	2	"20050001348"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/04 07:45
S34	23491	polyvinylacetal (poly \$vinylacetal) (polyvinyl \$acetal) (polyvinyl adj acetal) (poly adj vinyl adj acetal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/04 07:55
S35	7	"5914368"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/04 07:55
S36	0	S35 and S34	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/04 07:55
S37	866	264/5.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/04 07:56
S38	887	264/140.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/04 07:56
S39	1745	S37 S38	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/04 07:57

S40	24758	polyvinylacetal (poly \$vinylacetal) (polyvinyl \$acetal) (polyvinyl adj acetal) (poly adj vinyl adj acetal) PVAL	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/04 07:57
S41	6	S39 and S40	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/04 07:57
S42	3	"20050159545"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/04 08:01
S43	2	"20050159545" and extru\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/04 08:03
S44	13	"4182382"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/04 08:05
S45	17203	(hot cold) adj3 (granul \$6 extru\$6)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/04 08:42
S46	1572	S45 and "264".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/04 08:43
S47	10	S46 and S34	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/04 08:43

S48	4	S45 same S34	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/04 08:43
S49	2436	(hot cold) adj3 (granul \$6)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/04 08:44
S50	785	(hot cold) adj (granul \$6)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/04 08:44
S51	2	S50 and S34	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/04 08:44
S52	60	S50 and "264".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/04 08:45
S53	93	S34 with (resin plastic powder) with (process method) with (granul \$6 partic\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/04 08:53
S54	388	"20040054001" "20050220692" "20050227891" "20050232989" "20050272826" "20060052533" "20060205624" "20070015652" "20070224268" "20080067002" "20080203593" "20080233185" "4130539" "4342745" "4551287" "4591436" "4613599" "4619600" "4624951" "4851252" "4911930" "4950394" "4978575" "5232489"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/04 09:28

		"5346553" "5484620" "5525278" "5527405" "5540873" "5569315" "5747676" "5750920" "5804573" "6254954" "6277549" "6277550" "6281180" "6287748" "6300415" "6322959" "6329403" "6334452" "6344311" "6345633" "6428993" "6436625" "6440340" "6458511" "6465502" RE37295				
S55	3	S54 and (S37 S38)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/04 09:29
S56	34	"3472801"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/04 09:34
S57	3	S56 and S34	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/04 09:36
S58	0	"46651221"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/04 09:38
S59	43	"4665124"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/04 09:38
S60	41	S59 and S34	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/04 09:39



S61	3	"0532489"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/04 09:40
S62	3	"5238994"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/04 10:09
S63	8462	(hot cold) adj (granul \$6 extru\$6)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/04 10:10
S64	2528	((hot cold) adj (cut \$4)) adj down) (strand adj extru\$6)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/04 11:19
S65	93	S53 and S34	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/04 11:20
S66	18	S64 and S34	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/04 11:20
S67	6	((hot cold) adj (cut \$4)) adj down)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/04 11:21
S68	399	(strand adj extrusion)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/04 11:22

S69	3	S68 and S34	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/04 11:23
S70	29	side adj stream adj inlet	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/04 13:04
S71	3	"20040161257"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/04 13:37
S72	531	dos\$3 adj line	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/04 14:51
S73	23491	polyvinylacetal (poly \$vinylacetal) (polyvinyl \$acetal) (polyvinyl adj acetal) (poly adj vinyl adj acetal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/04 14:51
S74	8	S72 and S73	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/04 14:51
S75	2	(dos\$3 adj line) near10 screw	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/04 14:52
S76	140	S73 near10 (glass adj transition)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/04 15:20

S77	0	(S73 near10 (glass adj transition)) near greater	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/04 15:42
S78	6	(S73 near10 (glass adj transition)) near10 greater	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/04 15:42
S79	168	(dos\$3 adj (line device inlet)) near10 screw	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/04 15:57
S80	22	S79 and extru\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/04 15:58
S81	55806	screw near5 diameter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/04 16:00
S82	5	S80 and S81	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/04 16:00
S83	27	S81 near10 dos\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/04 16:05
S84	11	S83 and extru\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/04 16:06

S85	5	"4254071"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/25 10:16
S86	28	"4323492"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 13:58
S87	24306	polyvinylacetal (poly \$vinylacetal) (polyvinyl \$acetal) (polyvinyl adj acetal) (poly adj vinyl adj acetal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 13:59
S88	647	S87 same extru\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 13:59
S89	2	"20080203593"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 14:02
S90	1	S86 same extru\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 14:05
S91	20	S86 and extru\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 14:05
S92	2	S86 and extru\$6 and S87	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 14:06

S93	2	"7285594"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 14:09
S94	2	"6984692"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 14:09
S95	1	S94 and extru\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 14:10
S96	3	"6992130"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 14:11
S97	1	"6992130" and extru\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 14:11
S98	5	"5244503"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 14:14
S99	868592	"5244503" ad S87	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 14:14
S100	2	"5244503" and S87	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 14:14

S101	3	"04258638"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 14:17
S102	3355	kotake.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 14:20
S103	2032	kozai.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 14:20
S104	11266	nishijima.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 14:20
S105	22	S102 and S103 and S104	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 14:20
S106	13	S102 and S103 and S104 and S87	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 14:20
S107	0	S102 and S103 and S104 and S87 and extru \$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 14:21
S108	8	"4130539"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 14:23

S109	0	"4130539" and S87 and extru\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 14:25
S110	2335	(polyvinylacetal (poly \$vinylacetal) (polyvinyl \$acetal) (polyvinyl adj acetal) (poly adj vinyl adj acetal)).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 14:28
S111	169	S110 and extru\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 14:30
S112	11	"2332889"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 14:35
S113	23	"2332899"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 14:35
S114	2	"20090176937"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 15:17
S115	4	KASAI.in. and MATSUNAGA.in. and TSUZUKI.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 15:21
S116	2437	264/140-143.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 15:53

S117	9	S116 and S87	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 15:54
S118	388	"20040054001" "20050220692" "20050227891" "20050232989" "20050272826" "20060052533" "20060205624" "20070015652" "20070224268" "20080067002" "20080203593" "20080233185" "4130539" "4342745" "4551287" "4591436" "4613599" "4619600" "4624951" "4851252" "4911930" "4950394" "4978575" "5232489" "5346553" "5484620" "5525278" "5527405" "5540873" "5569315" "5723522" "5747676" "6254954" "6277549" "6277550" "6281180" "6287748" "6300415" "6322959" "6329403" "6334452" "6344311" "6345633" "6428993" "6436625" "6440340" "6458511" "6465502" "7511096" RE37295	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 16:11
S119	376	"20020050389" "20030029094" "20030161973" "20040219247" "20050079299" "20050215690" "20060052533" "20070085231" "20070257378" "20080111267" "20080203593" "20090044662" "3865120" "4152081" "4207114" "4363450" "4427795" "4434252" "4509457" "4632752" "4647599" "4708874" "4742524" "4833992"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 16:12



		"4950484" "4970804" "5028266" "5101838" "5620251" "5651988" "5744553" "5772187" "5820303" "5972402" "6112677" "6193439" "6492024" "6562940" "6733782" "6755563" "6784214" "7048948" "7108500" "7151127" "7217406" "7312263" "7404359" "7412782" "7509911" RE33492				
S120	749	S118 S119	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 16:12
S121	893	264/5.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 16:13
S122	3	S120 and S121	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 16:13
S123	1	S120 and S121 and S87	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 16:13
S124	1118	264/45.3.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 16:14
S125	740	264/45.9.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 16:15

S126	1791	S124 S125	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 16:15
S127	8	S126 and S87	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 16:15
S128	48	"4533562"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 16:18
S129	4	"4533562" and S87	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 16:18
S130	1	"4533562" and S87 and extru\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 16:19
S131	63473	polyvinylacetal (poly \$vinylacetal) (polyvinyl \$acetal) (polyvinyl adj acetal) (poly adj vinyl adj acetal) PVAL polyvinylbutyral (poly \$vinylbutyral) (polyvinyl \$butyral) (polyvinyl adj butyral) (poly adj vinyl adj butyral) PVB	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 07:57
S132	60370	(bulk adj density)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 07:57
S133	20	S131 with S132	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 07:57

S134	56	S131 same S132	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 07:58
S135	156840	(g/cm3) (g/l)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 08:02
S136	8	S134 same S135	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 08:02
S137	6	"5244503"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 08:09
S138	9	"5914368"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 08:23
S139	0	"5914368" anD S131	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 08:23
S140	0	"5914368" and S131	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 08:23
S141	8	"4130539"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 08:23

S142	0	"4130539" and density	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 08:24
S143	1036	S131 with fiber	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 08:47
S144	85	S131 with fiber with (granul\$8 powder)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 08:48
S145	124074	carbon adj fiber	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 09:01
S146	20946	aramid adj fiber	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 09:01
S147	227852	glass adj fiber	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 09:01
S148	327700	S145 S146 S147	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 09:01
S149	192	S148 near20 S131	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 09:01

S150	17	S148 near20 S131 near20 (powder granu- l\$8)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 09:04
S151	892	264/140.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 09:30
S152	614	264/141.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 09:30
S153	499	264/142.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 09:30
S154	621	264/143.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 09:30
S155	2437	S151 S152 S153 S154	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 09:30
S156	20	S155 and S131	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 09:30
S157	24321	polyvinylacetal (poly \$vinylacetal) (polyvinyl \$acetal) (polyvinyl adj acetal) (poly adj vinyl adj acetal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 09:32

S158	28	"4323492"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 09:32
S159	2	S158 and S157 and extru\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 09:32
S160	24321	polyvinylacetal (poly \$vinylacetal) (polyvinyl \$acetal) (polyvinyl adj acetal) (poly adj vinyl adj acetal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 09:32
S161	388	"20040054001" "20050220692" "20050227891" "20050232989" "20050272826" "20060052533" "20060205624" "20070015652" "20070224268" "20080067002" "20080203593" "20080233185" "4130539" "4342745" "4551287" "4591436" "4613599" "4619600" "4624951" "4851252" "4911930" "4950394" "4978575" "5232489" "5346553" "5484620" "5525278" "5527405" "5540873" "5569315" "5723522" "5747676" "6254954" "6277549" "6277550" "6281180" "6287748" "6300415" "6322959" "6329403" "6334452" "6344311" "6345633" "6428993" "6436625" "6440340" "6458511" "6465502" "7511096" RE37295	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 09:32

S162	376	"20020050389" "20030029094" "20030161973" "20040219247" "20050079299" "20050215690" "20060052533" "20070085231" "20070257378" "20080111267" "20080203593" "20090044662" "3865120" "4152081" "4207114" "4363450" "4427795" "4434252" "4509457" "4632752" "4647599" "4708874" "4742524" "4833992" "4950484" "4970804" "5028266" "5101838" "5620251" "5651988" "5744553" "5772187" "5820303" "5972402" "6112677" "6193439" "6492024" "6562940" "6733782" "6755563" "6784214" "7048948" "7108500" "7151127" "7217406" "7312263" "7404359" "7412782" "7509911" RE33492	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 09:32
S163	749	S161 S162	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 09:32
S164	895	264/5.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 09:32
S165	1	S163 and S164 and S160	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 09:32

S166	24321	polyvinylacetal (poly \$vinylacetal) (polyvinyl \$acetal) (polyvinyl adj acetal) (poly adj vinyl adj acetal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 09:32
S167	6	(S166 near10 (glass adj transition)) near10 greater	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 09:32
S168	62606	polyvinylacetal (poly \$vinylacetal) (polyvinyl \$acetal) (polyvinyl adj acetal) (poly adj vinyl adj acetal) polyvinylbutyral (poly \$vinylbutyral) (polyvinyl \$butyral) (polyvinyl adj butyral) (poly adj vinyl adj butyral)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/08 13:51
S169	27	S168 near10 (produc \$5) near10 granul\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/08 13:52
S170	5	S169 and extru\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/08 13:54
S171	866	"264".clas. and extru\$6 and S168	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/08 14:27
S172	50	"4665124"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/08 14:29



S173	4628	(polyvinylacetal (poly \$vinylacetal) (polyvinyl \$acetal) (polyvinyl adj acetal) (poly adj vinyl adj acetal) polyvinylbutyral (poly \$vinylbutyral) (polyvinyl \$butyral) (polyvinyl adj butyral) (poly adj vinyl adj butyral)).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/08 14:29
S174	50	"4665124"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/08 14:29
S175	43	"264".clas. and extru\$6 and S173	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/08 14:31
S176	5	"0457190"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/08 14:39
S177	38	"5190826"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/08 14:40
S178	11908	side adj stream	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/08 14:43
S179	430	S178 same extru\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/08 14:44
S180	1	S179 and S173	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/08 14:44

S181	9	S179 and S168	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/08 14:44
S182	2	S178 same S168	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/08 14:45
S183	26935	264/ 176.1-218.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/08 14:47
S184	253	S168 and S183	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/08 14:47
S185	7418	(convey\$3) same mix \$3 same extru\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/08 15:07
S186	3724	(convey\$3) same mix \$3 same extru\$6 same (screw thread flight)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/08 15:08
S187	3796	(convey\$3) same mix \$3 same extru\$6 same (screw thread flight)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/08 15:08
S188	59	S187 and S168	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/08 15:10

S189	1	S187 same S168	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/08 15:10
S190	2	S187 and S173	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/08 15:10
S191	0	extru\$6 same (main adj inlet) same (side adj stream)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/08 15:13
S192	11551	extru\$6 same (main) same (side)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/08 15:14
S193	17	S192 same S168	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/08 15:15
S194	201	S178 near10 extru\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/08 15:18
S195	28409	side adj (stream feed)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/08 15:18
S196	540	S195 near10 extru\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/08 15:19

S197	10	S196 and S168	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/08 15:19
S198	26159	side adj feed\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/08 15:31
S199	1129	S198 with extruder	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/08 15:32
S200	14	S199 and S168	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/08 15:32
S201	86	S199 and S183	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/08 15:43
S202	1	S199 and S183 and S168	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/08 15:45
S203	11	"3744770"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/08 15:49
S204	10576	(multiple plurality many) with (feed) near5 (point points zone zones section section area areas)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/08 15:51

S205	409	S204 same extru\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/08 15:54
S206	0	S205 and S168	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/08 15:56
S207	171	S205 and ("264".clas. "425".clas.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/08 15:56
S208	42	feed\$3 near5 S168	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/08 16:37
S209	25	S208 and extru\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/08 16:37
S210	21	S208 same extru\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/08 16:37
S211	19	"2829399"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/08 16:40
S212	10	"2829399" and S168	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/08 16:41

S213	392	((feeder feeders) near10 ((one near4 more) multiple many plurality)) same extru \$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/08 16:51
S214	393	((feeder feeders) near10 ((one near4 more) multiple many plurality)) same extru \$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 09:00
S215	146	S214 and ("264".clas. "425".clas.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 09:00
S216	62616	polyvinylacetal (poly \$vinylacetal) (polyvinyl \$acetal) (polyvinyl adj acetal) (poly adj vinyl adj acetal) polyvinylbutyral (poly \$vinylbutyral) (polyvinyl \$butyral) (polyvinyl adj butyral) (poly adj vinyl adj butyral)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 09:23
S217	1	S214 and ("264".clas. "425".clas.) and S216	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 09:23
S218	2	S214 and S216	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 09:24
S219	4629	(polyvinylacetal (poly \$vinylacetal) (polyvinyl \$acetal) (polyvinyl adj acetal) (poly adj vinyl adj acetal) polyvinylbutyral (poly \$vinylbutyral) (polyvinyl \$butyral) (polyvinyl adj butyral) (poly adj vinyl adj butyral)).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 09:28

S220	2	S219 and extru\$6 and (feed\$3 with (downstream))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 09:29
S221	55	S219 and extru\$6 and feed\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 09:30
S222	5089	(polyvinylacetal (poly \$vinylacetal) (polyvinyl \$acetal) (polyvinyl adj acetal) (poly adj vinyl adj acetal) polyvinylbutyral (poly \$vinylbutyral) (polyvinyl \$butyral) (polyvinyl adj butyral) (poly adj vinyl adj butyral)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 09:47
S223	1756	S222 and extru\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 09:47
S224	3	S222 and extru\$6 and (side adj feed\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 09:49
S225	6	S222 and extru\$6 and (side adj (Stream feed \$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 09:50
S226	276731	("90" "91" "92" "93" "94" "95" "96" "97" "98" "99" "100") with (weight wt) with (percent "%")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 09:54
S227	242	S226 same (side adj (Stream feed\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 09:54

S228	59	S226 same (side adj (Stream feed\$3)) same Extr\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 09:54
S229	0	S228 and 3u\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 09:55
S230	1	S228 and S216	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 09:55
S231	791	S226 with S216	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 10:03
S232	26	S231 same extru\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 10:03
S233	0	(main adj (entry feed \$3 port\$2)) with (vent vacuum) with empty	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 10:07
S234	236	(main adj (entry feed \$3 port\$2)) with (vent vacuum)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 10:07
S235	10	S234 and extru\$6 and ("264".clas. "425". clas.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 10:08



S236	458	("264".clas. "425". clas.) and ((main first 1st) near10 (feed\$3 port\$2 barrel)) with ((volatil\$3 near5 escap \$3) vacuum vent)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 10:16
S237	4	S236 and S216	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 10:23
S238	127	("264".clas. "425". clas.) and (((main first 1st) near10 (feed\$3 port\$2 barrel)) with ((volatil\$3 near5 escap \$3) vacuum vent)) same extru\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 10:24
S239	79	("264".clas. "425". clas.) and (((main first 1st) near3 (feed\$3 port \$2 barrel)) with ((volatil \$3 near5 escap\$3) vacuum vent)) same extru\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 10:28
S240	5	"3811658" and vacuum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 10:41
S241	10	"4486100" and vacuum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 10:41
S242	2	(Vacuum near5 hopper) with ((extract \$3 remov\$3) near5 (volatil\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 10:43
S243	41	(Vacuum near5 (feed \$3 hopper)) with ((extract\$3 remov\$3) near5 (volatil\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 10:44

S244	26	S243 and extru\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 10:44
S245	3091	(Vacuum near5 (hopper))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 10:50
S246	290	S245 and ("264".clas. "425".clas.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 10:50
S247	124	(S245 same extru\$6) and ("264".clas. "425". clas.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 10:52
S248	3	((S245 near10 volatil \$3) same extru\$6)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 10:57
S249	8	"5514752"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 11:26
S250	9	"5770654" and extru\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 11:27
S251	10	"4594213"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 16:07

S252	147819	ok	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 16:07
S253	62616	polyvinylacetal (poly \$vinylacetal) (polyvinyl \$acetal) (polyvinyl adj acetal) (poly adj vinyl adj acetal) polyvinylbutyral (poly \$vinylbutyral) (polyvinyl \$butyral) (polyvinyl adj butyral) (poly adj vinyl adj butyral)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 16:08
S254	320	S253 with foam\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 16:08
S255	18	S254 same extru\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 16:08
S256	36	S253 with (foam\$3 adj agent)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 16:15
S257	7	(S253 with extru\$6) and (foam\$3 adj agent)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 16:17
S258	42	(S253 same extru\$6) and (foam\$3 adj agent)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 16:19
S259	35	S258 not S257	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 16:19

S260	1	(bulk adj density) and (d50/d90)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 16:25
S261	7580	(bulk adj density) with (particle adj size)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 16:26
S262	4	S261 same S253	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 16:26
S263	6	S261 and (S253 same extru\$6)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 16:27
S264	267	S253 near10 (glass adj transition adj temperature)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/09 16:35

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